



TROPICAL CYCLONE BULLETIN NO. 23

Typhoon "KIKO" (CHANTHU)

Issued at 5:00 PM, 11 September 2021

Valid for broadcast until the next bulletin at 8:00 PM today

TYPHOON "KIKO" CONTINUES TO WEAKEN WHILE MOVING OVER THE COASTAL WATERS OF ITBAYAT, BATANES

| | |
|--|--|
| Location of Center (4:00 PM) | |
| The center of the eye of Typhoon "KIKO" was located based on all available data over the coastal waters of Itbayat, Batanes (21.1°N, 121.7°E) | |
| Intensity | |
| Maximum sustained winds of 185 km/h near the center, gustiness of up to 230 km/h , and central pressure of 930 hPa | |
| Present Movement | |
| North Northwestward at 15 km/h | |
| Extent of Tropical Cyclone Winds | |
| Strong winds or higher extend outwards up to 280 km from the center | |

TRACK AND INTENSITY FORECAST

| Date and Time | Center Position | | | Intensity | | Movement dir. and speed (km/h) |
|---|-----------------|-----------|--|------------|------|--------------------------------|
| | Lat. (°N) | Lon. (°E) | Location | MSW (km/h) | Cat. | |
| 12-Hour Forecast 2:00 AM 12 September 2021 | 22.3 | 121.9 | 165 km North of Itbayat, Batanes | 175 | TY | NNE 15 |
| 24-Hour Forecast 2:00 PM 12 September 2021 | 24.5 | 122.3 | 415 km North of Itbayat, Batanes | 165 | TY | N 20 |
| 36-Hour Forecast 2:00 AM 13 September 2021 | 27.2 | 122.7 | 720 km North of Itbayat, Batanes (outside the PAR) | 155 | TY | N 25 |
| 48-Hour Forecast 2:00 PM 13 September 2021 | 29.8 | 122.8 | 1,005 km North of Extreme Northern Luzon (outside the PAR) | 150 | TY | N 25 |

Prepared by: SMRR

Checked by: JSG



TROPICAL CYCLONE BULLETIN NO. 23

Typhoon "KIKO" (CHANTHU)

Issued at 5:00 PM, 11 September 2021

Valid for broadcast until the next bulletin at 8:00 PM today

| TROPICAL CYCLONE WIND SIGNALS IN EFFECT | | | |
|---|--|---------|----------|
| TCWS No. | Luzon | Visayas | Mindanao |
| 4 (Very destructive typhoon-force winds prevailing or expected within 12 hours) | The northern portion of Batanes (Itbayat) | - | - |
| 3 (Destructive typhoon-force winds prevailing or expected within 18 hours) | The rest of Batanes | - | - |
| 2 (Damaging gale-force to storm-force winds prevailing or expected within 24 hours) | The northeastern portion of Babuyan Islands (Babuyan Is.) | - | - |
| 1 (Strong winds prevailing or expected within 36 hours) | The rest of Babuyan Islands | - | - |
| Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted. | | | |

| HAZARDS AFFECTING LAND AREAS |
|---|
| <p>Heavy Rainfall</p> <ul style="list-style-type: none"> In the next 24 hours, Typhoon "KIKO" will bring heavy to intense with at times torrential rains over Batanes. Moderate to heavy with at times intense rains are also likely over Babuyan Islands, the northern portion of Cagayan, Ilocos Norte, Ilocos Sur, Abra, Apayao, Kalinga, and Benguet. Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps. Typhoon "KIKO" will continue to enhance the Southwest Monsoon, bringing monsoon rains over Metro Manila, the rest of Ilocos Region, and the western sections of Central Luzon and Southern Luzon in the next 24 hours. For more information, refer to Weather Advisory #6 for Southwest Monsoon and the 24-Hour Public Weather Forecast issued at 11:00 AM and 4:00 PM today, respectively. <p>Severe Winds</p> <ul style="list-style-type: none"> Winds may reach typhoon-force strength between 171 and 220 km/h within any of the areas where Tropical Cyclone Wind Signal (TCWS) #4 is hoisted during the passage of the typhoon. This may cause generally heavy to very heavy damage to structures and vegetation. Winds may reach typhoon-force strength of up to 170 km/h within any of the areas where TCWS #3 is hoisted during the passage of the typhoon. This may cause generally moderate to heavy damage to structures and vegetation. Winds may reach gale- to storm-force strength within any of the areas where TCWS #2 is in effect. This may result to light to moderate damage to structures and vegetation. Winds reaching strong breeze to near gale strength (i.e., strong winds) will be felt within any of the areas where TCWS #1 is in effect. This may result to up to very light damage to structures and vegetation. In the next 24 hours, the enhanced Southwest Monsoon will also bring occasional gusts reaching strong breeze to near gale strength over the coastal and upland/mountain areas of Luzon that are not under wind signal. <p>Coastal Inundation</p> <p>A moderate to high risk of life-threatening storm surge reaching 1.0 to 2.0 m in height may occur in the next 24 hours. Rising sea water along with the high waves from the shoreline moving inland may cause flooding in the low-lying coastal localities of Batanes. For more information, refer to Storm Surge Warning #8 for Typhoon "KIKO" issued at 5:00 PM today.</p> |

Prepared by:  **SMRR**

Checked by:  **JSG**



TROPICAL CYCLONE BULLETIN NO. 23

Typhoon "KIKO" (CHANTHU)

Issued at 5:00 PM, 11 September 2021

Valid for broadcast until the next bulletin at 8:00 PM today

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, rough to phenomenal seas (2.5 to 15.0 m) will be experienced over the seaboard of areas where TCWS is in effect. Sea travel is risky for all types of sea vessels. Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Moderate to rough seas (1.2 to 3.5 m) will be experienced over the eastern seaboard Central Luzon. Sea travel is risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
- Due to the typhoon enhancing the Southwest Monsoon, Gale Warning is currently in effect for the seaboard of mainland Cagayan, Ilocos Norte, Ilocos Sur, Zambales and Bataan, and the western seaboard of Palawan including Calamian and Kalayaan Islands and Occidental Mindoro including Lubang Islands. For more information, refer to Gale Warning #5 issued at 5:00 PM today.

TRACK AND INTENSITY OUTLOOK

- Typhoon "KIKO" will continue moving over the coastal waters of Itbayat, Batanes within the next 3 hours. On the forecast track, "KIKO" is forecast to move north northeastward in the next 12 hours while moving over the sea east of Taiwan and generally northward through the remaining of the forecast period. The typhoon is forecast to exit the Philippine Area of Responsibility tomorrow evening.
- Further weakening will continue throughout the forecast period as the typhoon interacts with the rugged terrain of Taiwan.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 8:00 PM today.

DOST-PAGASA

Prepared by:  **SMRR**

Checked by:  **JSG**